Practical Solutions for Methanogenesis Inhibition in Ruminants

Novus International, a global leader in health and nutrition solutions for the animal agricultural industry, is seeking novel opportunities and ideas in the area of inhibition of methanogenesis in ruminants (cows, sheep etc.), with a goal of minimising anthropogenic methane emissions that arise from livestock.

The team is interested in novel opportunities that have potential to become commercial products, with high in vivo efficacy and safety, and a competitive manufacturing cost.

Approaches of Interest:

- There is a particular interest in novel approaches for inhibition of rumen methanogenesis, including antibodies and lytic enzymes
- Research involving either natural or synthetic compounds will be considered
- There is a preference for solutions that demonstrate consistent 30% or more efficacy in methane reduction

Out of Scope:

- Bromoform and algae-based solutions
- Research around altering the diet of ruminants
- Solutions that involve reducing methane in faeces or manure
- Previously reported solutions (e.g. essential oils, tannins)

Developmental Stages of Interest:

All stages of research development are of interest, from ideas that have scientific foundation to technologies that have proof-of-concept.

Submission Information

Submission of one page, 200-300 word briefs are encouraged, along with any optional supplementary information e.g. relevant publications. In submitting to this campaign, you confirm that your submission contains only non-confidential information. Our client is also open to novel research proposals which can be outlined using this submission form.

Opportunity for Collaboration

Novus International is open to a range of collaboration opportunities, with the most appropriate outcome being decided on a case-by-case basis. Example outcomes include licensing assets, purchasing technology, project/PhD funding, and research collaborations.